



TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.  
Serial No.: 09/665,472  
Docket No.: 2578-4489US

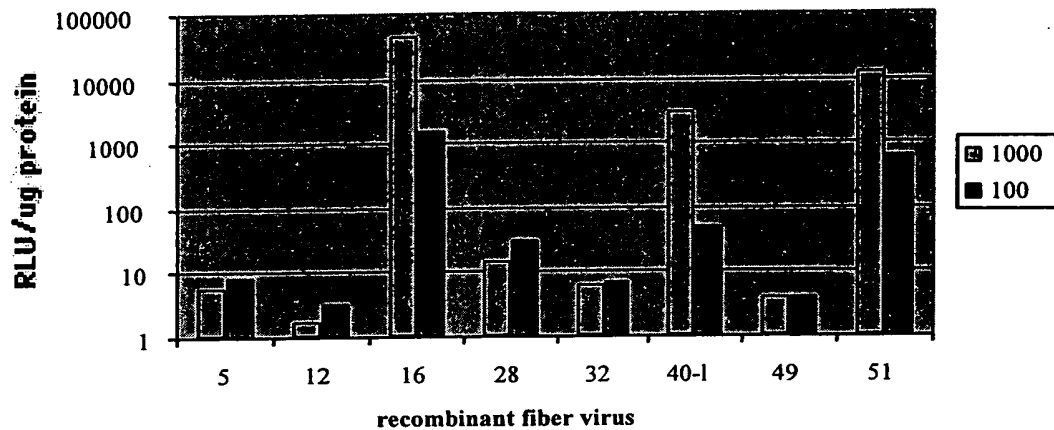
RECEIVED

MAR 25 2003

TECH CENTER 1600/2900

1/11

Figure 1





TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.

Serial No.: 09/665,472

Docket No.: 2578-4489US

RECEIVED

MAR 25 2003

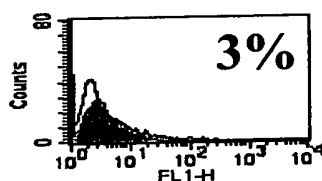
TECH CENTER 1600/2900

2/11

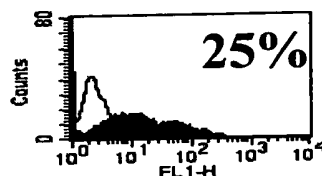
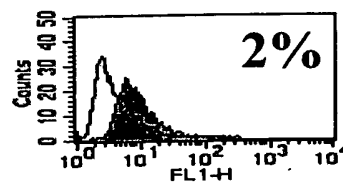
Figure 2

## Immature DC

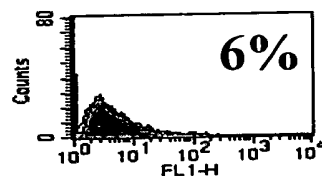
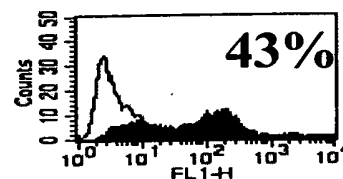
## Mature DC



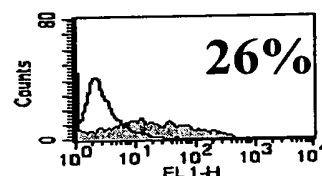
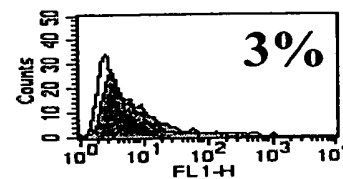
**Ad5**



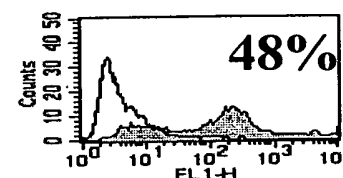
**Ad5.Fib16**



**Ad5.Fib40-L**



**Ad5.Fib51**





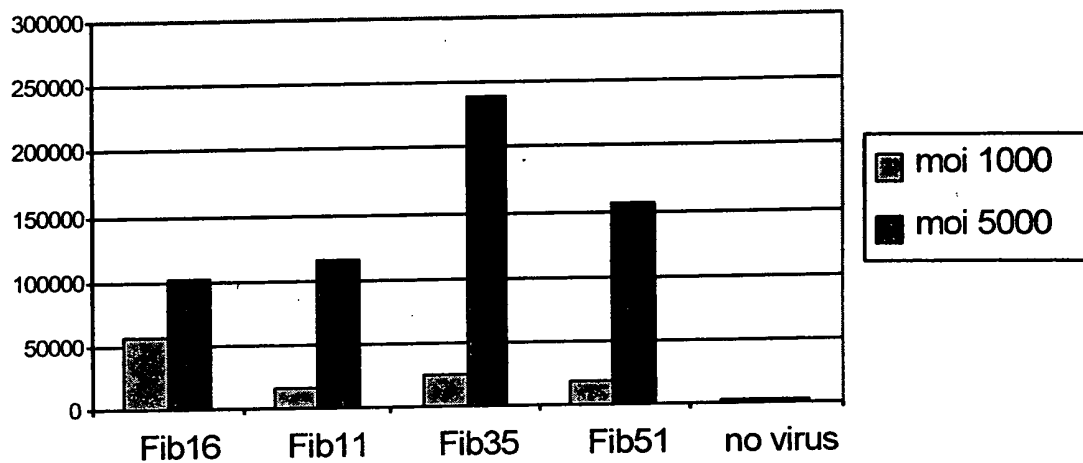
TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.  
Serial No.: 09/665,472  
Docket No.: 2578-4489US

RECEIVED  
MAR 25 2003  
TECH CENTER 1800/2800

3/11

Figure 3





TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.

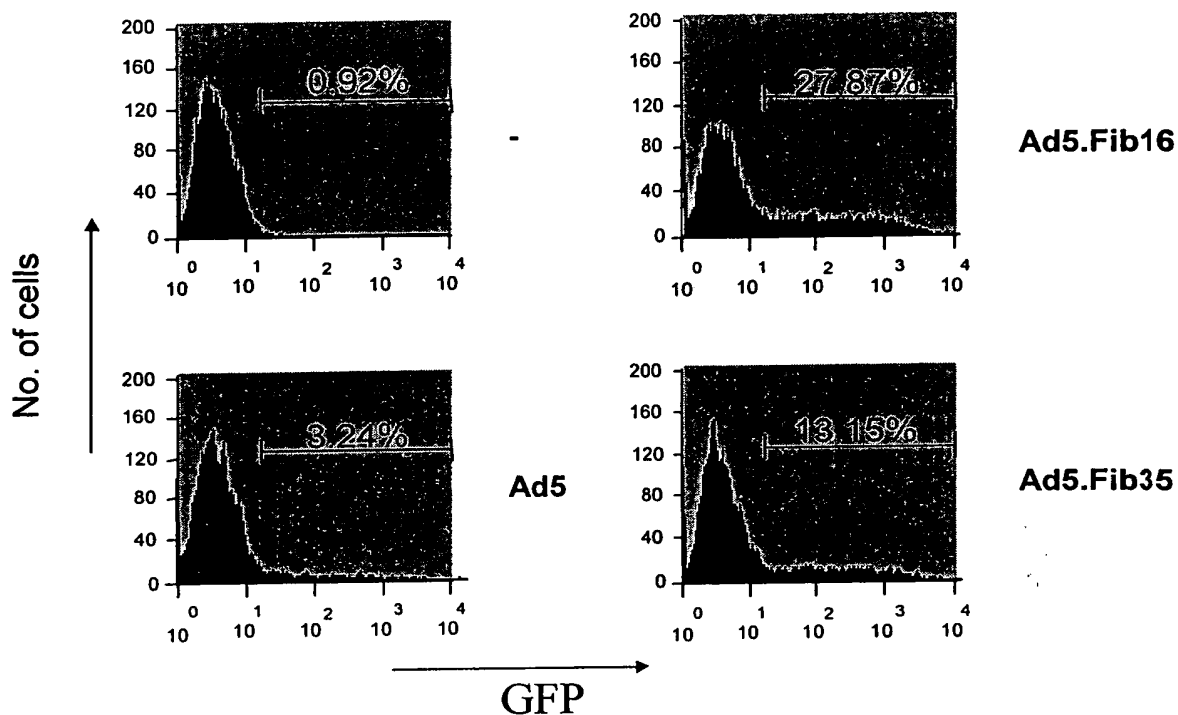
Serial No.: 09/665,472

Docket No.: 2578-4489US

4/11

Figure 4

RECEIVED  
MAR 25 2003  
TECH CENTER 1600/2900





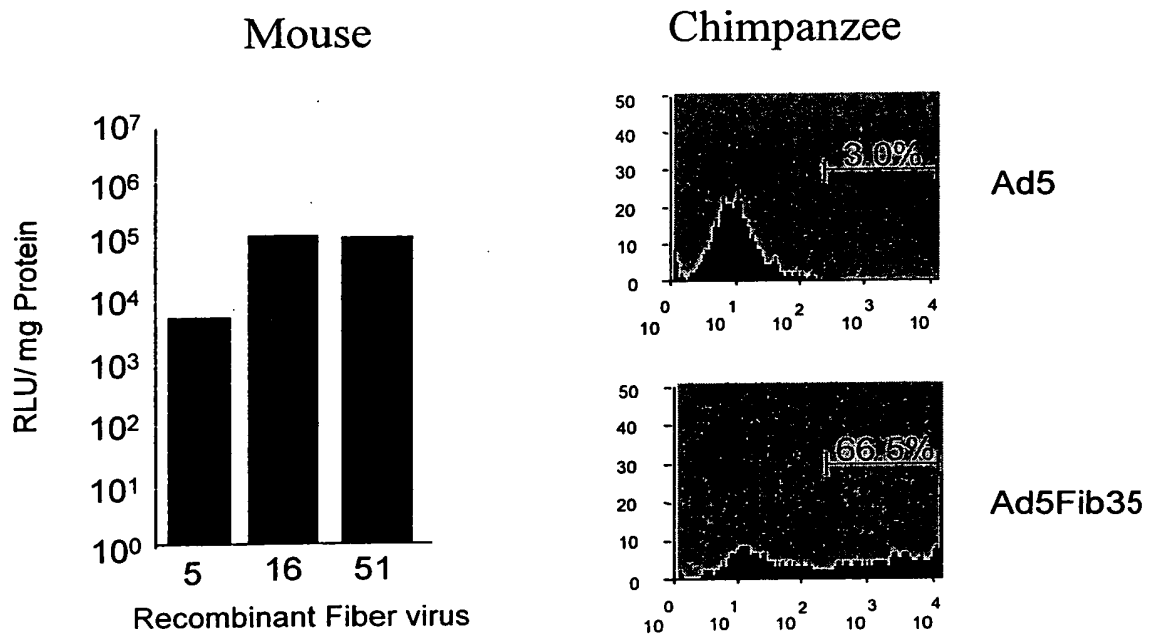
TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.  
Serial No.: 09/665,472  
Docket No.: 2578-4489US

5/11

Figure 5

RECEIVED  
MAR 25 2003  
TECH CENTER 1600/2900



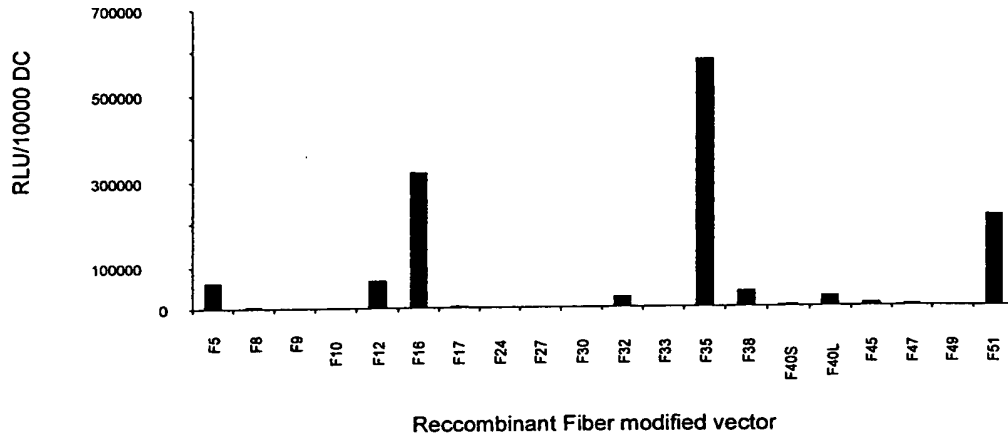


TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS  
Inventor: Havenga et al.  
Serial No.: 09/665,472  
Docket No.: 2578-4489US

RECEIVED  
MAR 25 2003  
TECH CENTER 1600/2900

6/11

Figure 6





TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.

Serial No.: 09/665,472

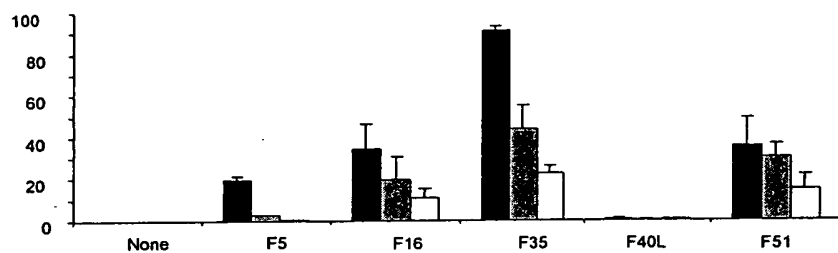
Docket No.: 2578-4489US

RECEIVED  
MAR 25 2003  
TECH CENTER 1600/2900

7/11

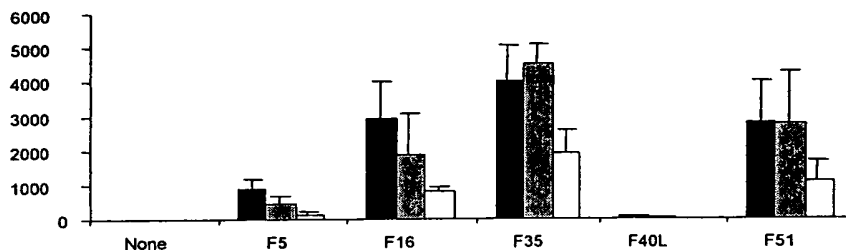
Figure 7

% GFP+ DC



a

MFI



b

Vectors



SECRET

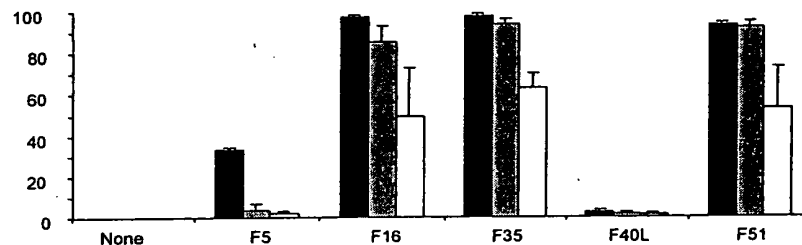
TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.  
Serial No.: 09/665,472  
Docket No.: 2578-4489US

8/11

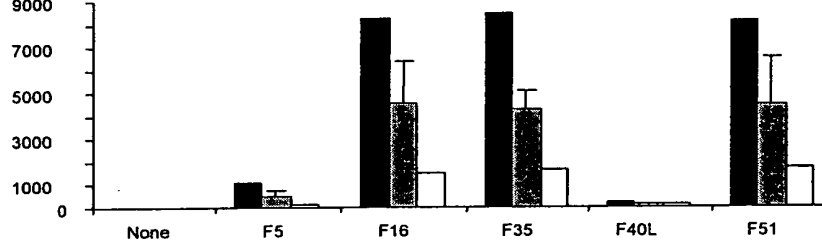
Figure 8

% GFP+ DC



a

MFI



b

Vectors





TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.

Serial No.: 09/665,472

Docket No.: 2578-4489US

9/11

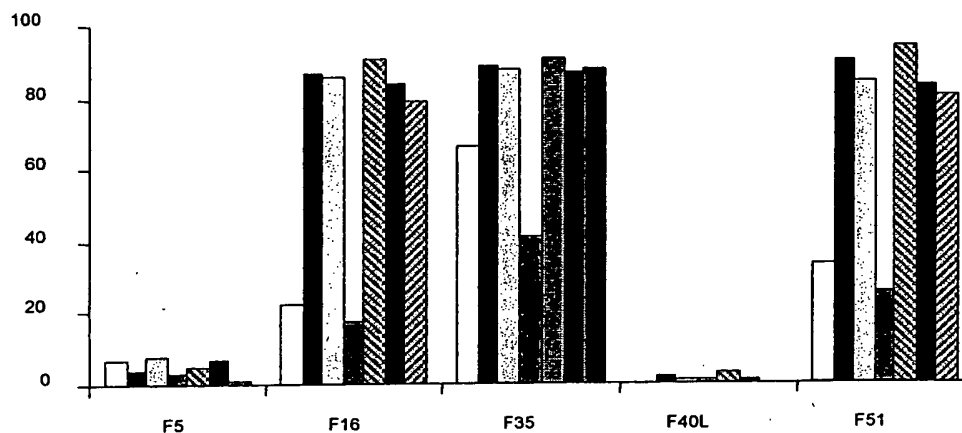
RECEIVED  
MAR 25 2003  
FCH CENTER 1600/2900

MAR 25 2003

RECEIVED

Figure 9

% GFP+ DC



Recombinant fiber-modified vectors

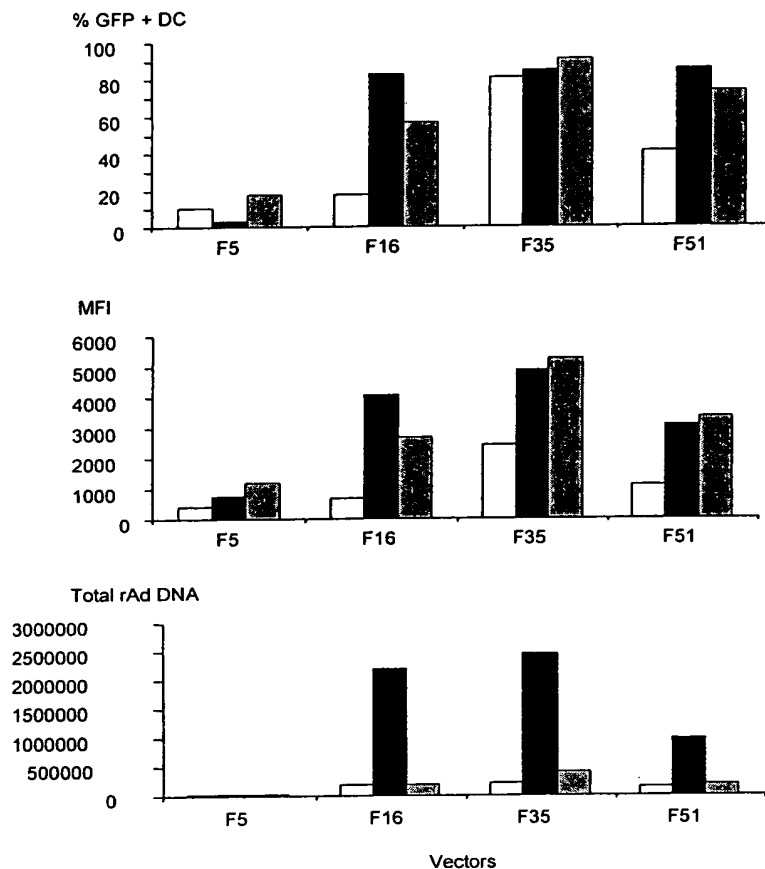


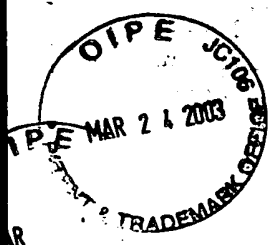
TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE  
TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.  
Serial No.: 09/665,472  
Docket No.: 2578-4489US

10/11

Figure 10





TITLE: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE TROPISM FOR DENDRITIC CELLS

Inventor: Havenga et al.

Serial No.: 09/665,472

Docket No.: 2578-4489US

11/11

Figure 11

RECEIVED  
MAR 25 2003  
TECH CENTER 1800/2800

